FIG. 1

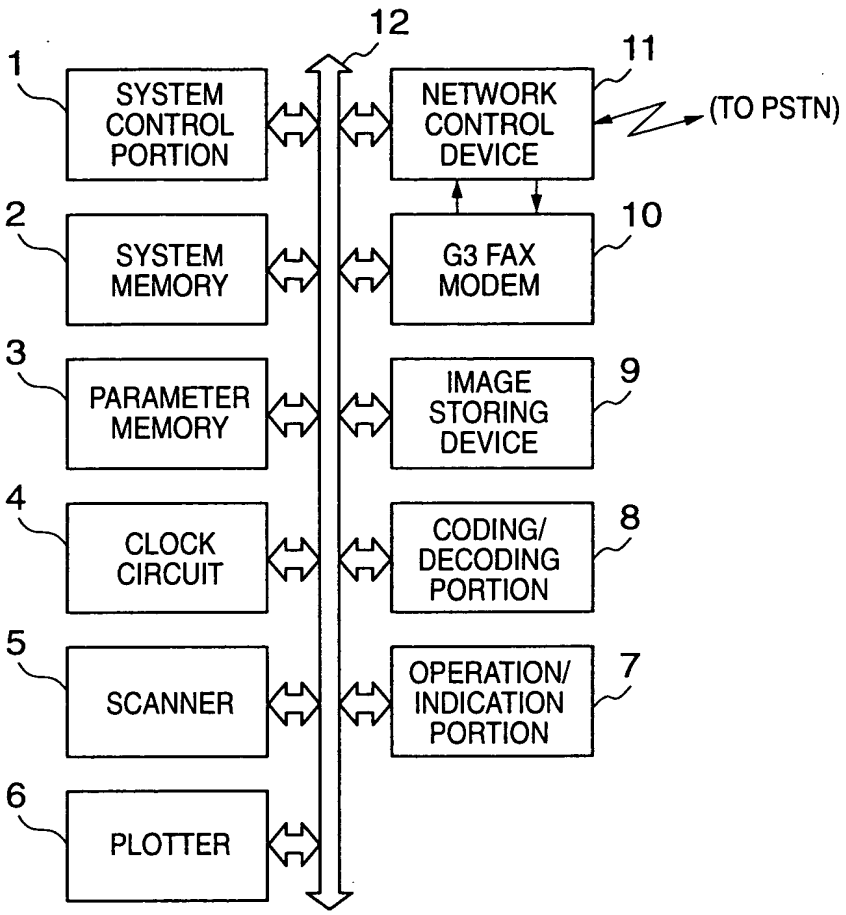


FIG. 2

F-CODE
PASSWORD
BOX NAME
BOX TYPE

FIG. 3

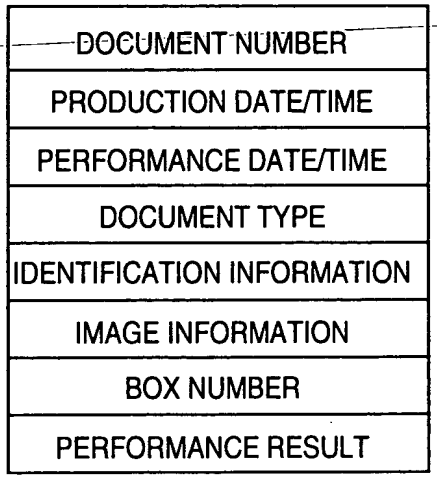


FIG. 4

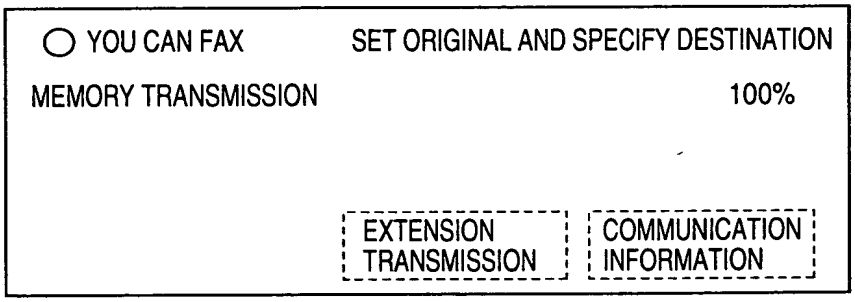


FIG. 5

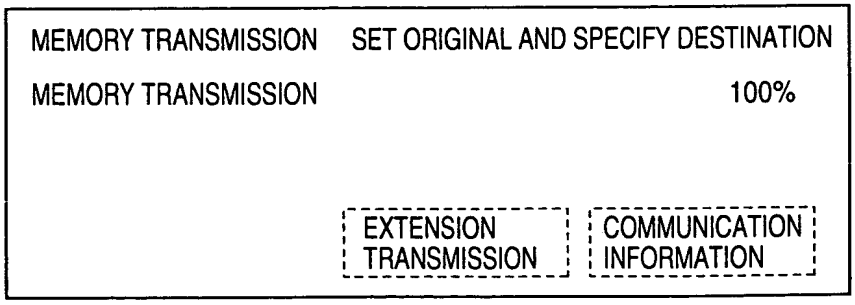


FIG. 6

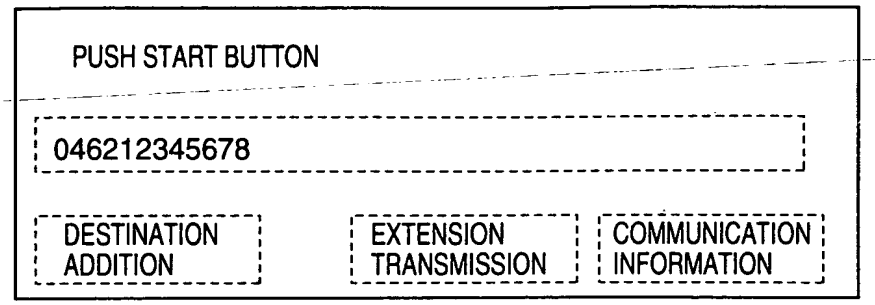


FIG. 7

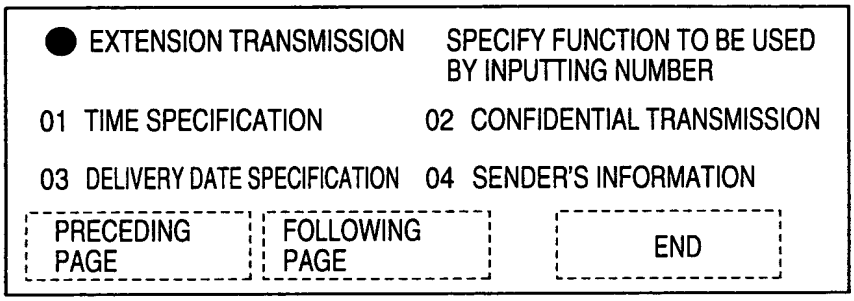


FIG. 8

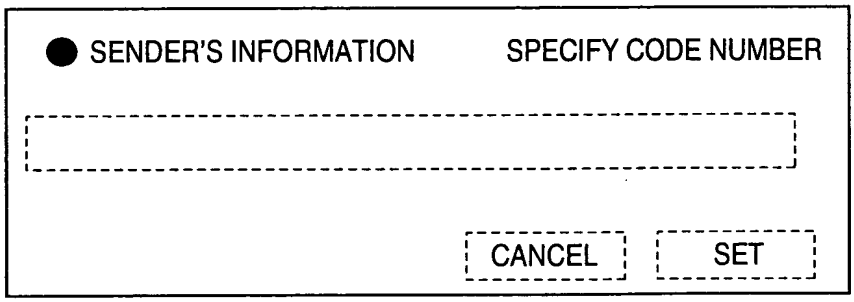
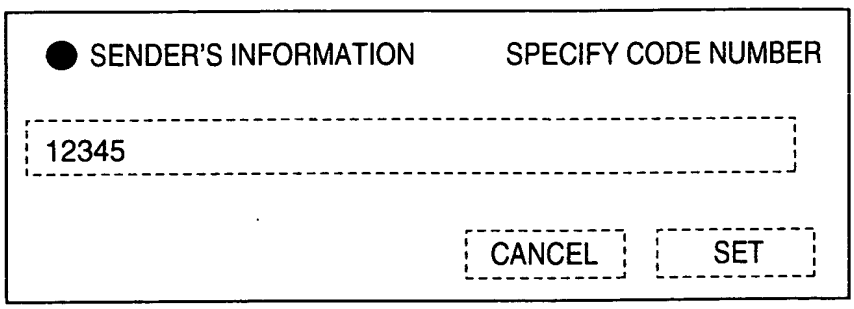


FIG. 9



0050501 "7+8250

FIG. 10

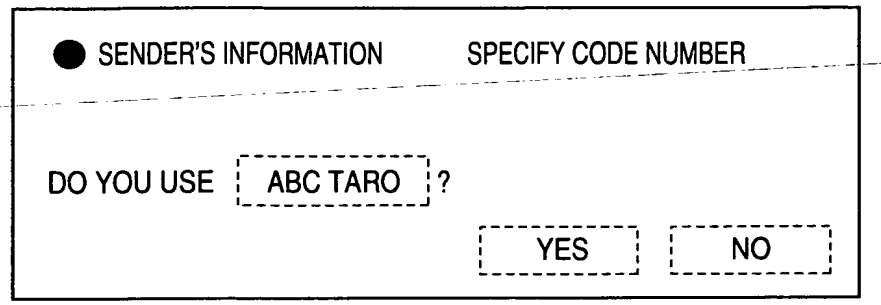


FIG. 11

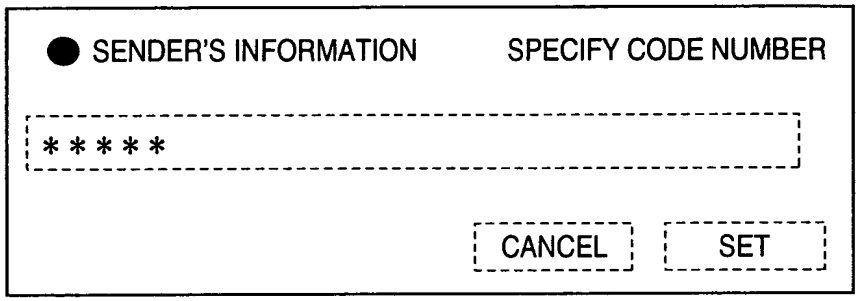


FIG. 12

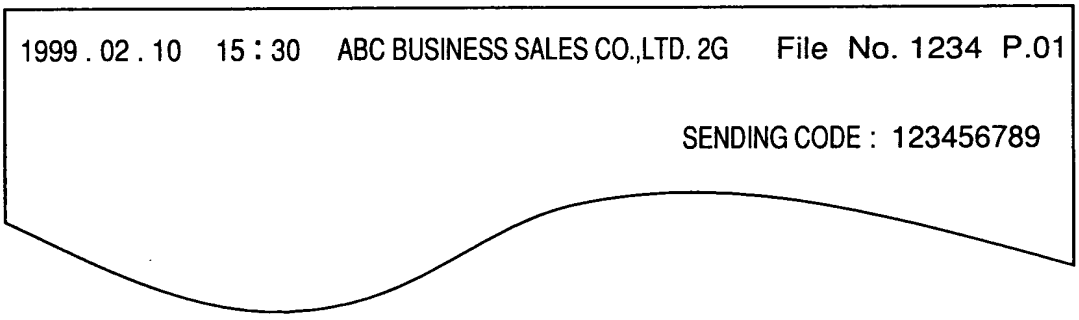


FIG. 13

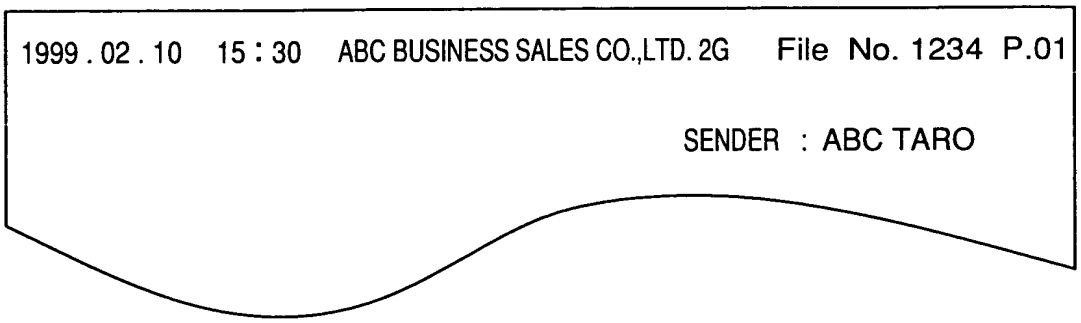


FIG. 14

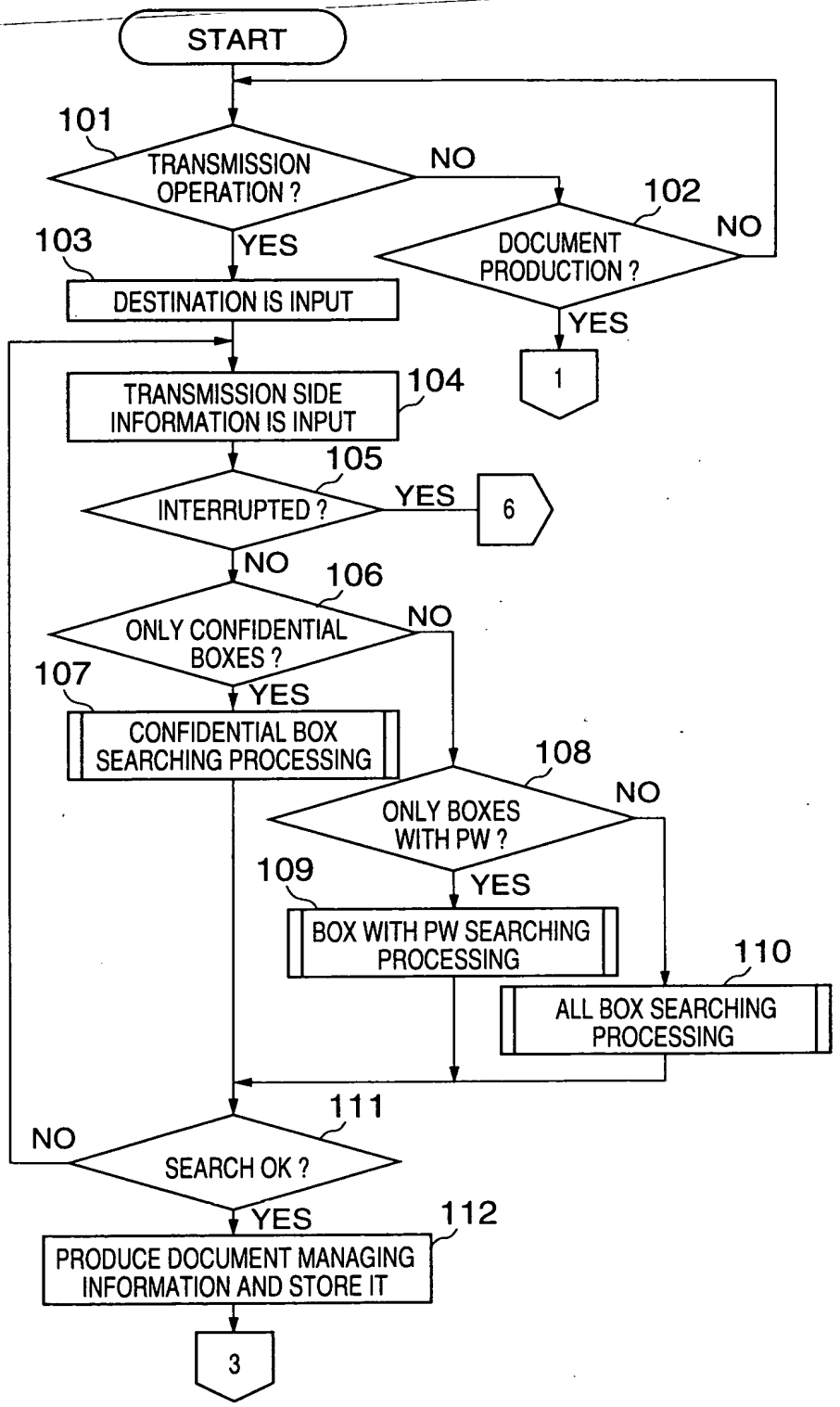

START
101
TRANSMISSION OPERATION ?
NO
YES
102
DOCUMENT PRODUCTION ?
NO
YES
1
103
DESTINATION IS INPUT
104
TRANSMISSION SIDE INFORMATION IS INPUT
105
INTERRUPTED ?
YES
6
NO
106
ONLY CONFIDENTIAL BOXES ?
NO
YES
107
CONFIDENTIAL BOX SEARCHING PROCESSING
108
ONLY BOXES WITH PW ?
NO
YES
109
BOX WITH PW SEARCHING PROCESSING
110
ALL BOX SEARCHING PROCESSING
111
SEARCH OK ?
NO
YES
112
PRODUCE DOCUMENT MANAGING INFORMATION AND STORE IT
3

FIG. 15

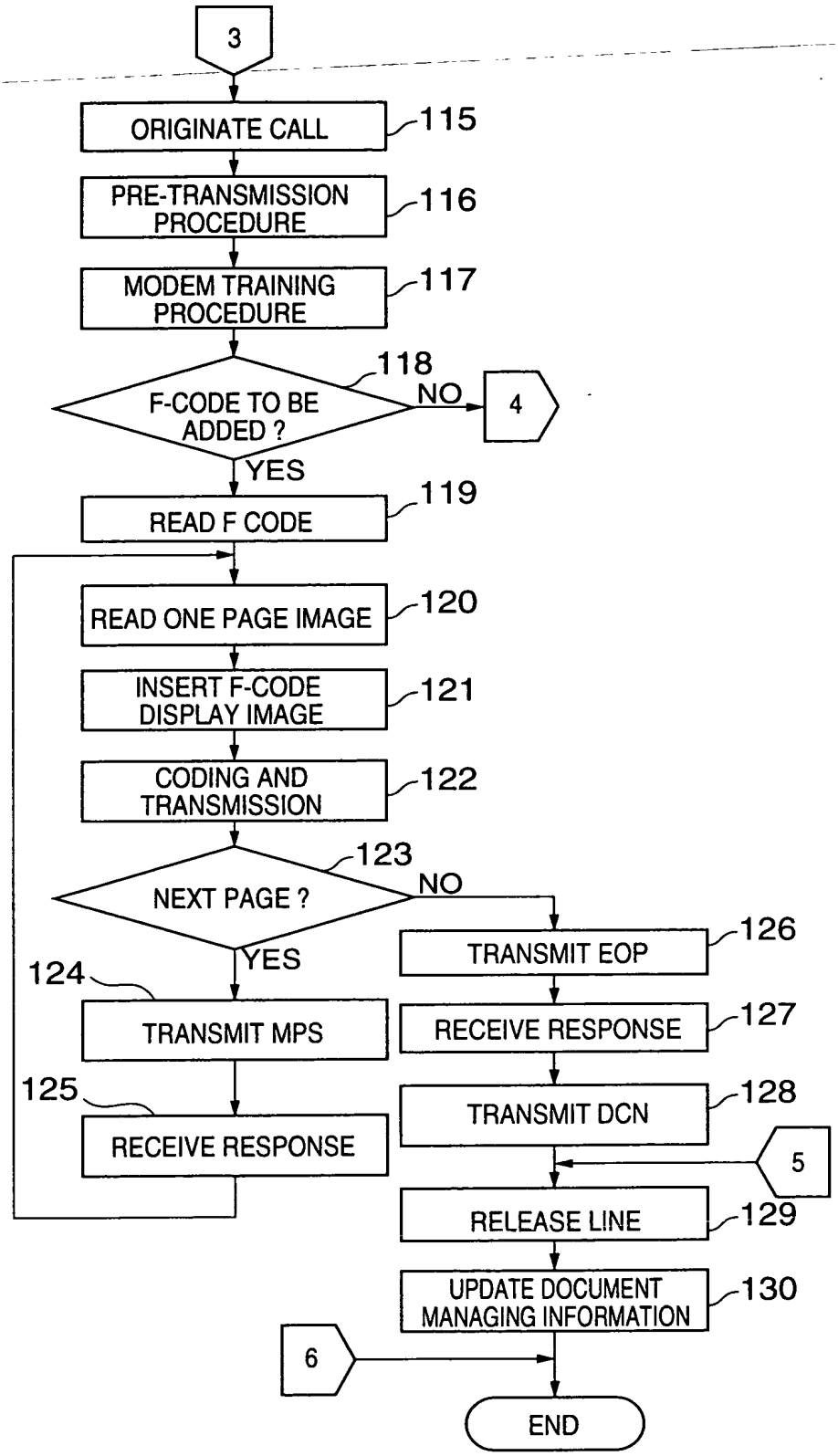

3
ORIGINATE CALL
115
PRE-TRANSMISSION PROCEDURE
116
MODEM TRAINING PROCEDURE
117
F-CODE TO BE ADDED ?
118
NO
4
YES
READ F CODE
119
READ ONE PAGE IMAGE
120
INSERT F-CODE DISPLAY IMAGE
121
CODING AND TRANSMISSION
122
NEXT PAGE ?
123
NO
YES
TRANSMIT MPS
124
RECEIVE RESPONSE
125
TRANSMIT EOP
126
RECEIVE RESPONSE
127
TRANSMIT DCN
128
5
RELEASE LINE
129
UPDATE DOCUMENT MANAGING INFORMATION
130
6
END

FIG. 16

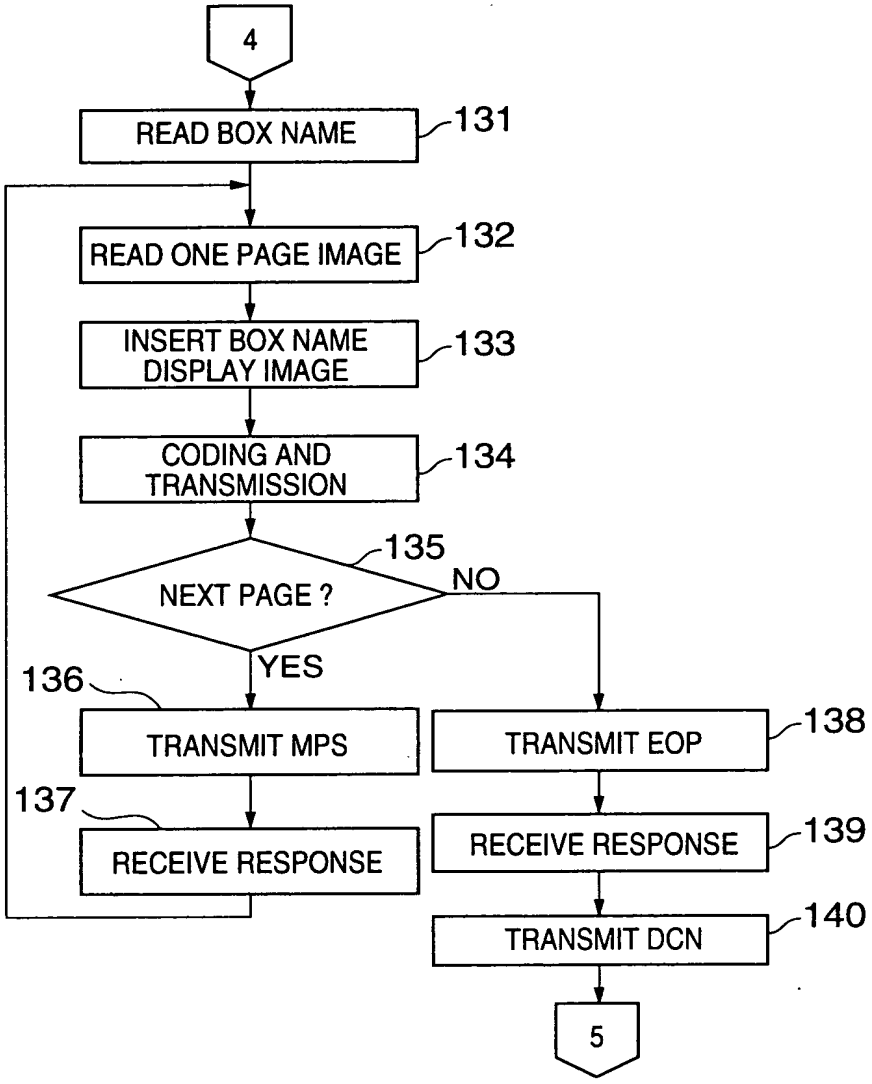

4
READ BOX NAME
131
READ ONE PAGE IMAGE
132
INSERT BOX NAME DISPLAY IMAGE
133
CODING AND TRANSMISSION
134
NEXT PAGE ?
135
NO
YES
136
TRANSMIT MPS
137
RECEIVE RESPONSE
TRANSMIT EOP
138
RECEIVE RESPONSE
139
TRANSMIT DCN
140
5

FIG. 17

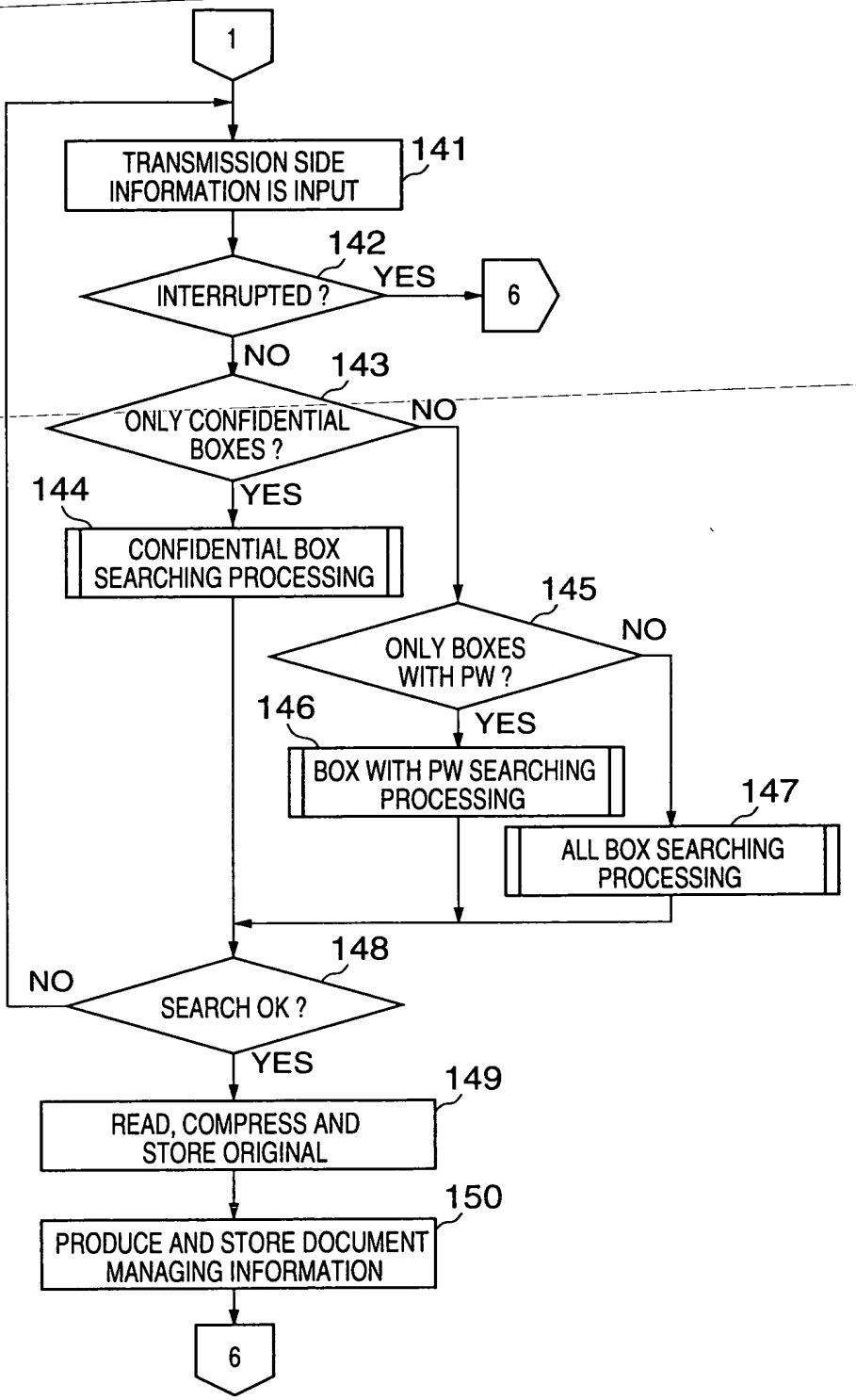

1
TRANSMISSION SIDE INFORMATION IS INPUT
141
142
INTERRUPTED ?
YES
6
NO
143
ONLY CONFIDENTIAL BOXES ?
NO
YES
144
CONFIDENTIAL BOX SEARCHING PROCESSING
145
ONLY BOXES WITH PW ?
NO
YES
146
BOX WITH PW SEARCHING PROCESSING
147
ALL BOX SEARCHING PROCESSING
148
NO
SEARCH OK ?
YES
149
READ, COMPRESS AND STORE ORIGINAL
150
PRODUCE AND STORE DOCUMENT MANAGING INFORMATION
6

FIG. 18

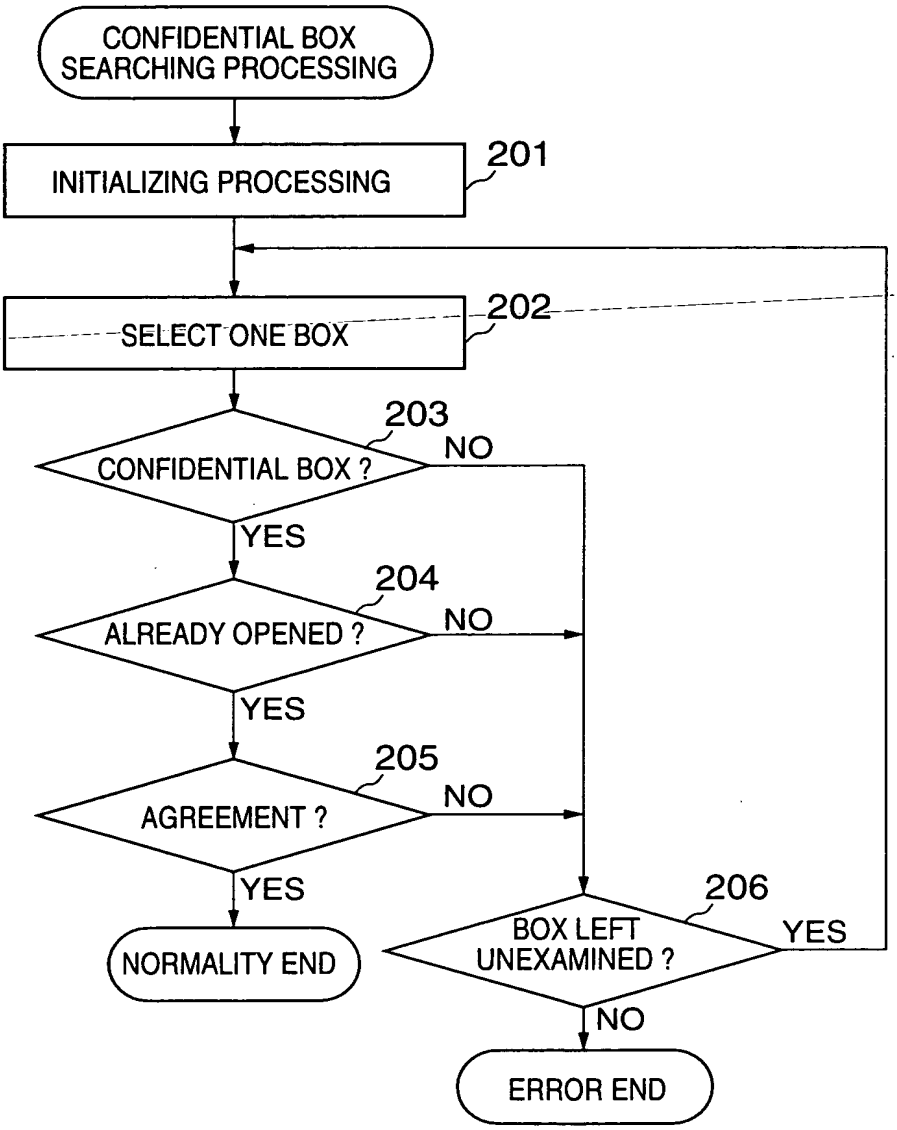

CONFIDENTIAL BOX SEARCHING PROCESSING
INITIALIZING PROCESSING
201
SELECT ONE BOX
202
CONFIDENTIAL BOX ?
203
NO
YES
ALREADY OPENED ?
204
NO
YES
AGREEMENT ?
205
NO
YES
NORMALITY END
BOX LEFT UNEXAMINED ?
206
YES
NO
ERROR END

FIG. 19

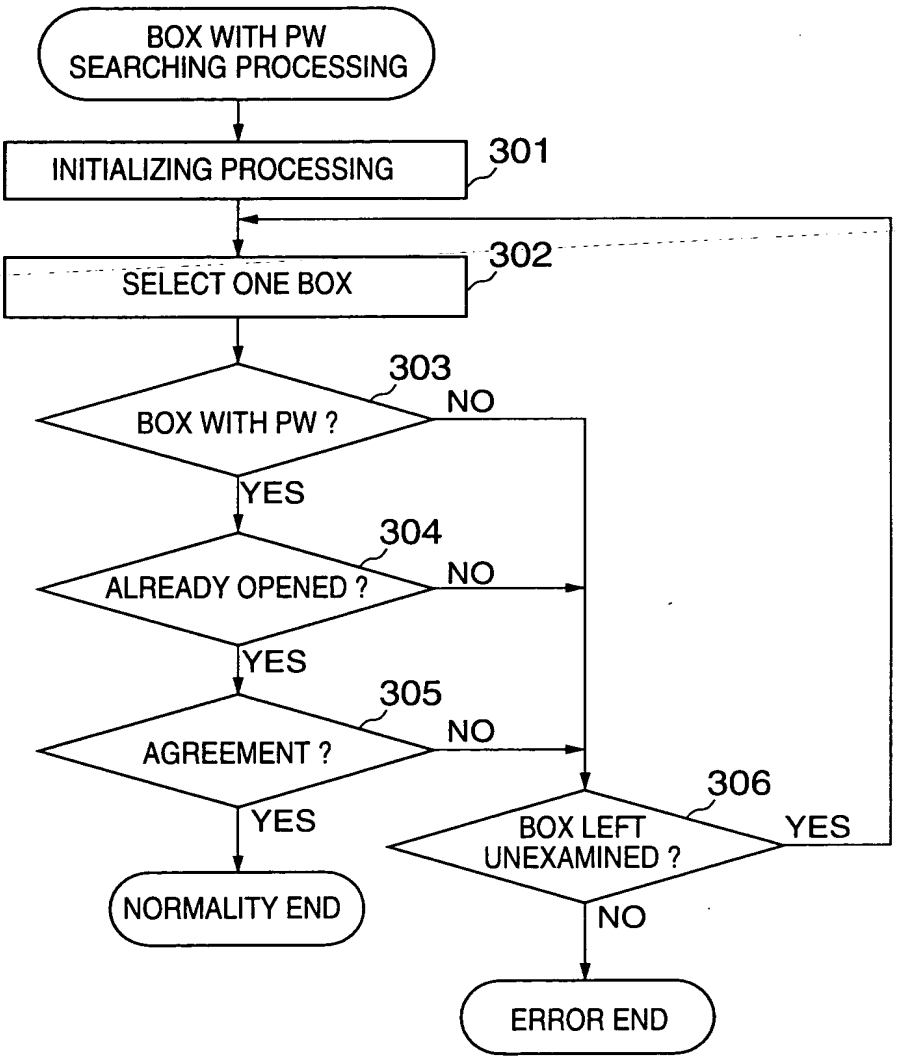

BOX WITH PW SEARCHING PROCESSING
INITIALIZING PROCESSING
301
SELECT ONE BOX
302
303
BOX WITH PW ?
NO
YES
304
ALREADY OPENED ?
NO
YES
305
AGREEMENT ?
NO
YES
306
BOX LEFT UNEXAMINED ?
YES
NO
NORMALITY END
ERROR END

FIG. 20

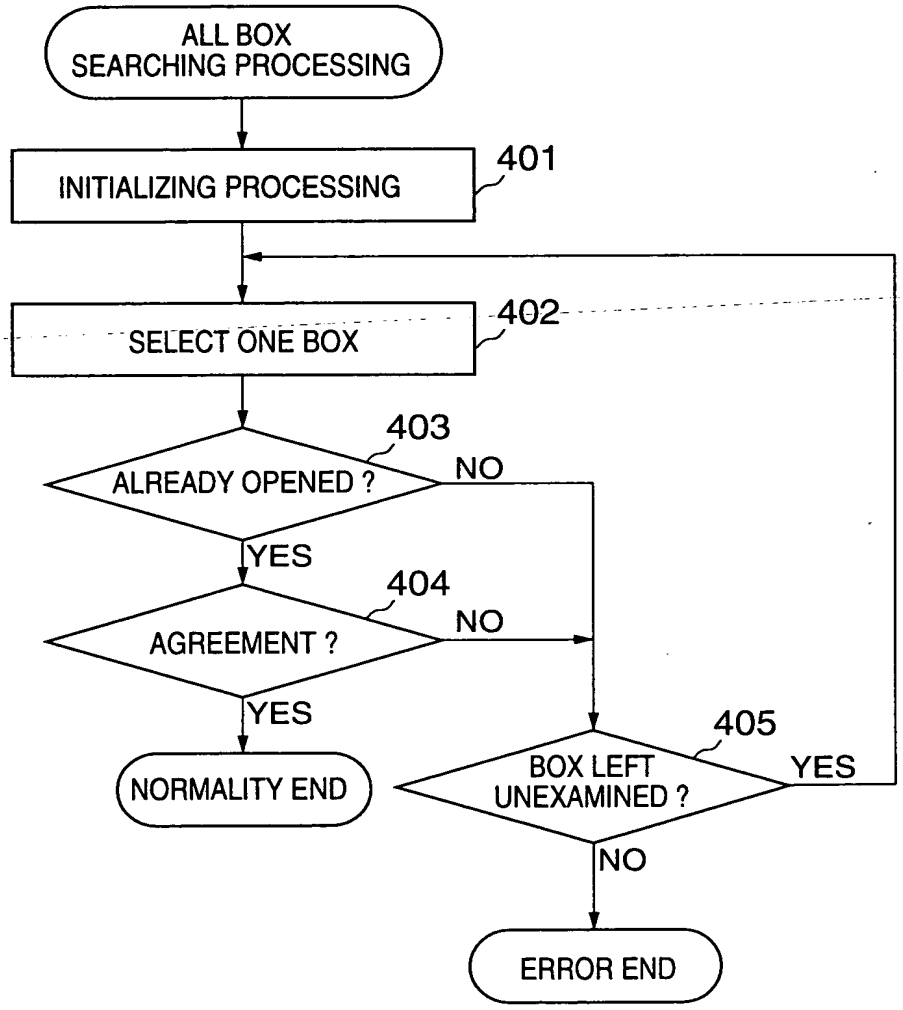

ALL BOX SEARCHING PROCESSING
INITIALIZING PROCESSING
401
SELECT ONE BOX
402
403
ALREADY OPENED ?
NO
YES
404
AGREEMENT ?
NO
YES
NORMALITY END
405
BOX LEFT UNEXAMINED ?
YES
NO
ERROR END

FIG. 21

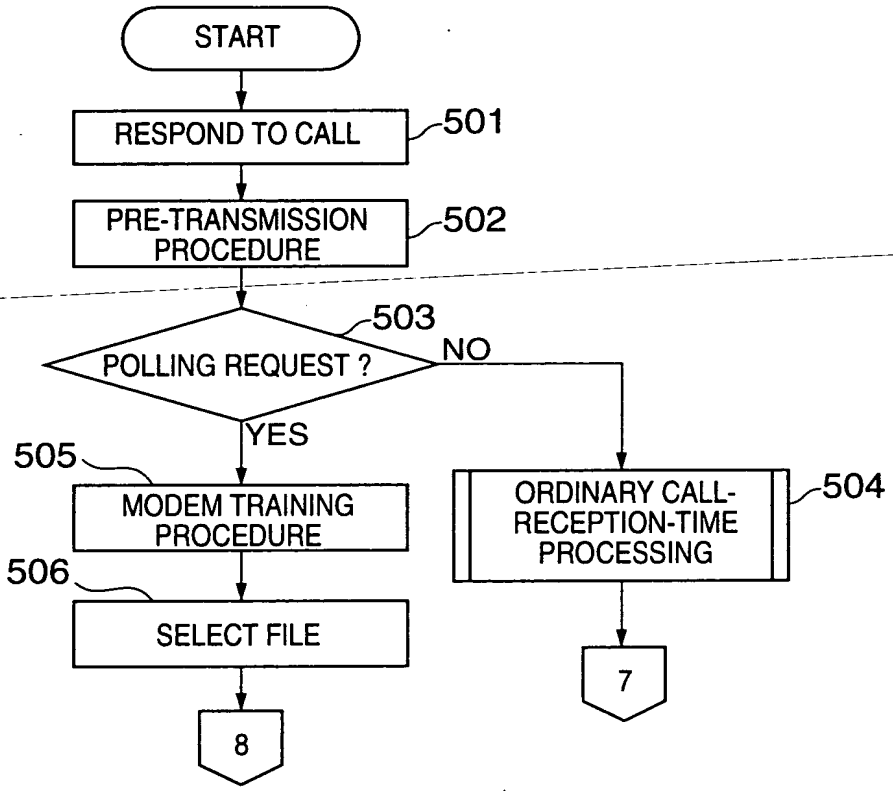

START
RESPOND TO CALL
501
PRE-TRANSMISSION PROCEDURE
502
503
POLLING REQUEST ?
NO
YES
505
MODEM TRAINING PROCEDURE
506
SELECT FILE
8
ORDINARY CALL-RECEPTION-TIME PROCESSING
504
7

FIG. 22

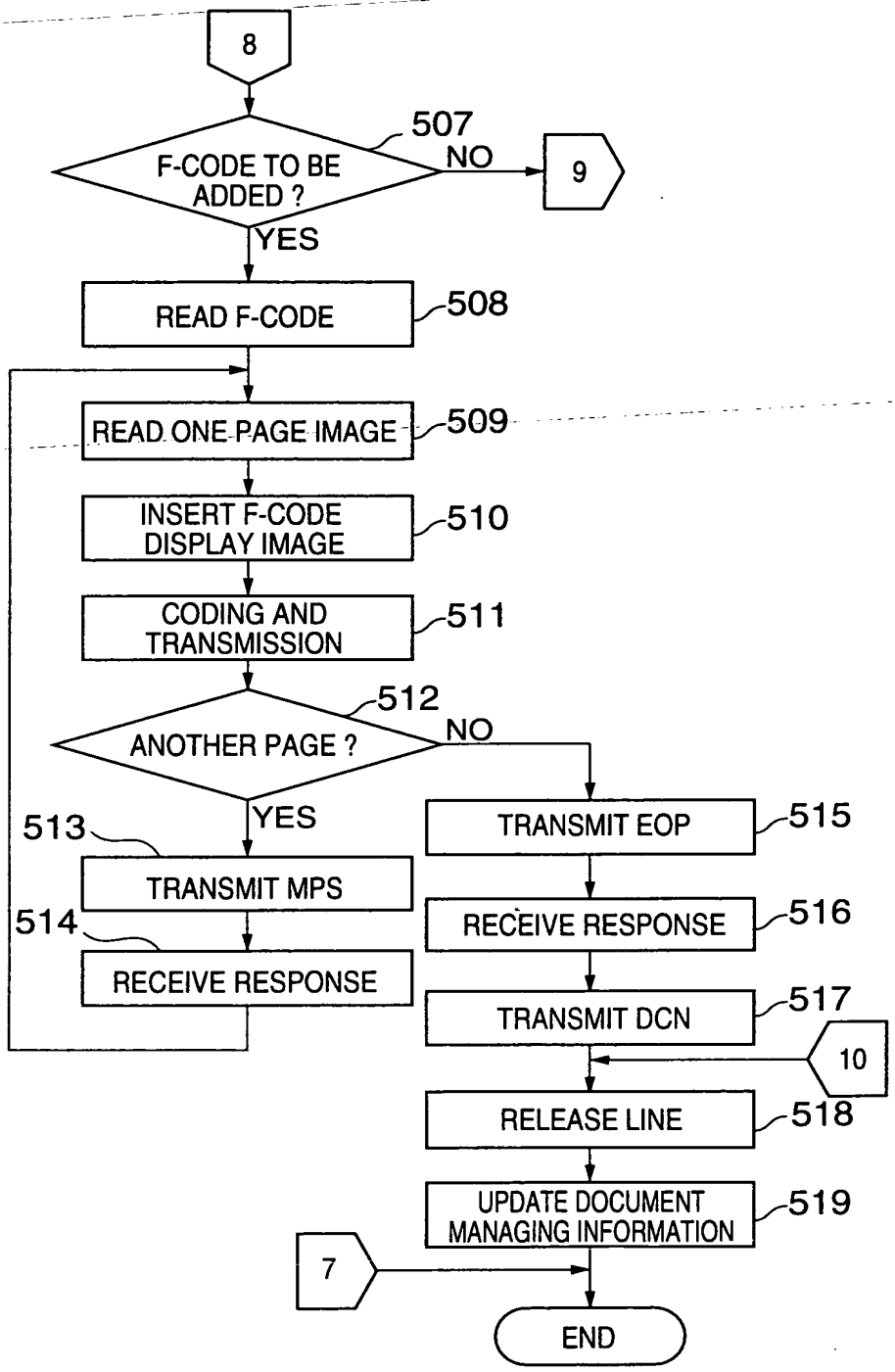

8
507
F-CODE TO BE ADDED ?
NO
9
YES
READ F-CODE
508
READ ONE PAGE IMAGE
509
INSERT F-CODE DISPLAY IMAGE
510
CODING AND TRANSMISSION
511
512
ANOTHER PAGE ?
NO
YES
513
TRANSMIT MPS
514
RECEIVE RESPONSE
TRANSMIT EOP
515
RECEIVE RESPONSE
516
TRANSMIT DCN
517
10
RELEASE LINE
518
UPDATE DOCUMENT MANAGING INFORMATION
519
7
END

FIG. 23

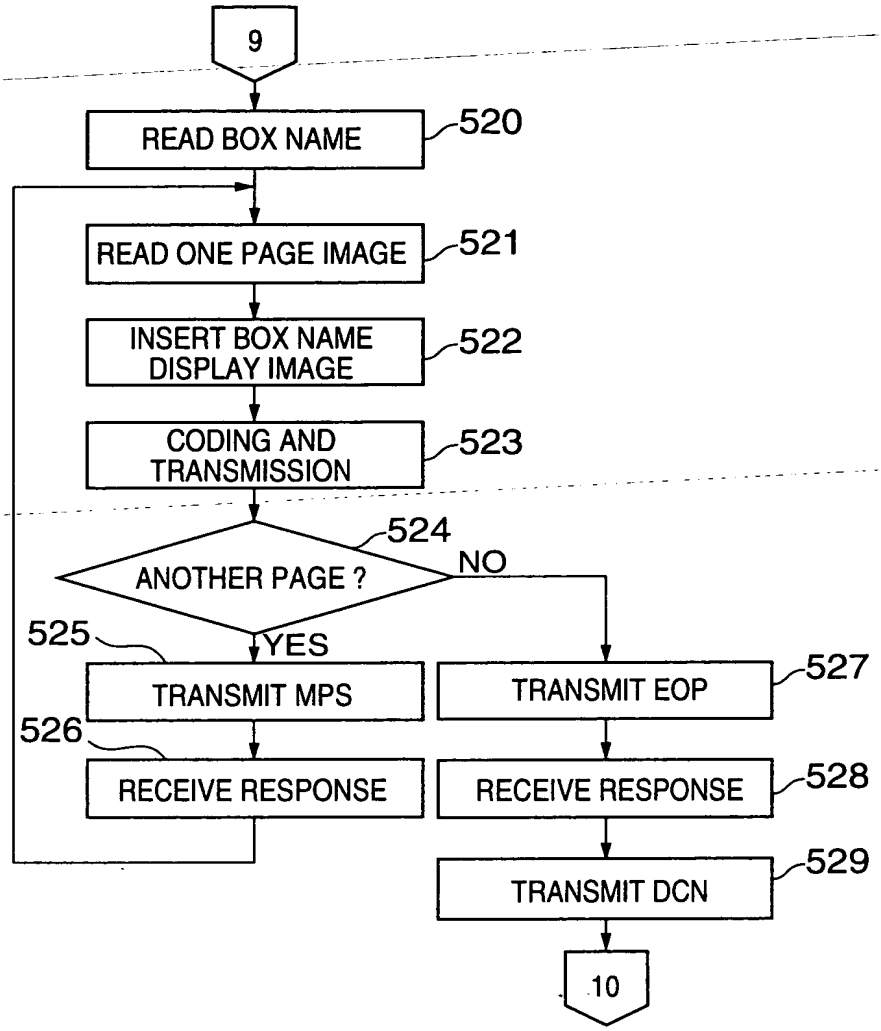


FIG. 24

F-CODE
PASSWORD
BOX NAME

FIG. 25

F-CODE
PASSWORD
BOX NAME
BOX TYPE
CODE NUMBER ALLOWANCE/ REJECTION

FIG. 26

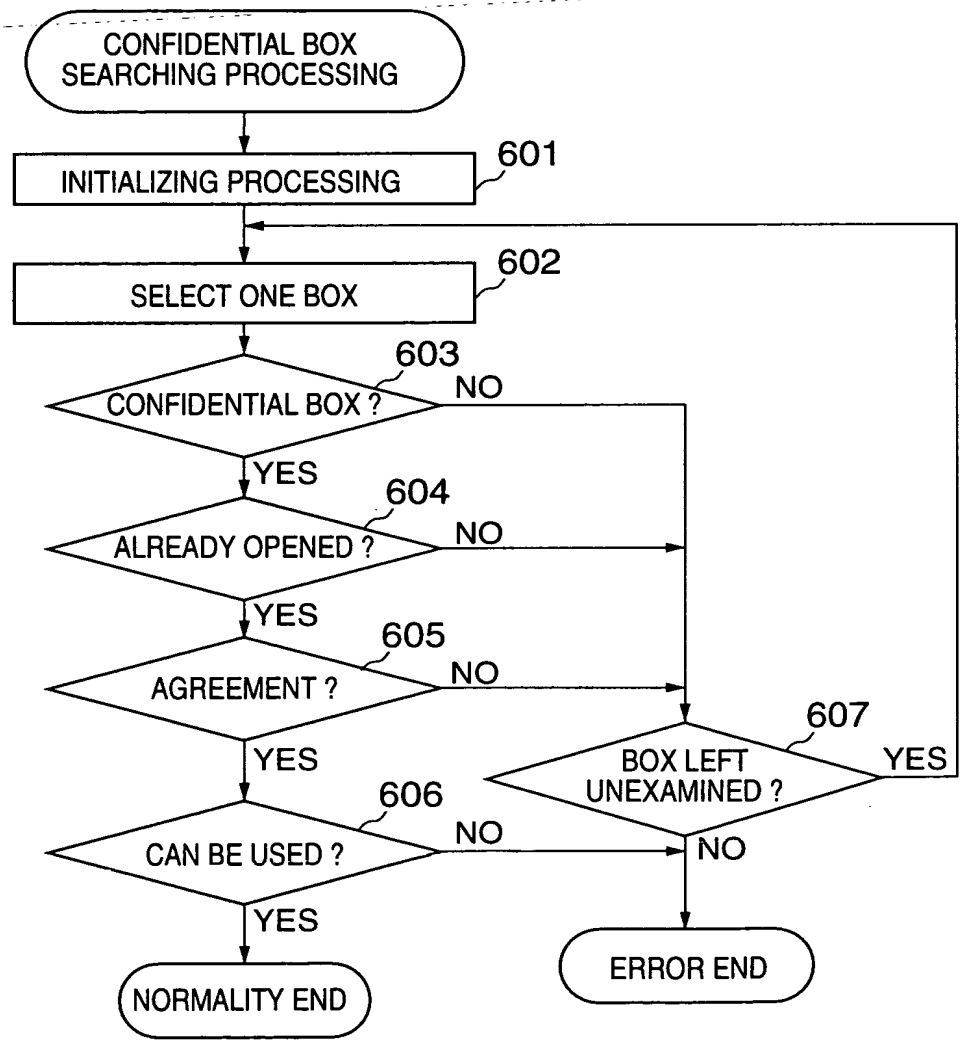


FIG. 27

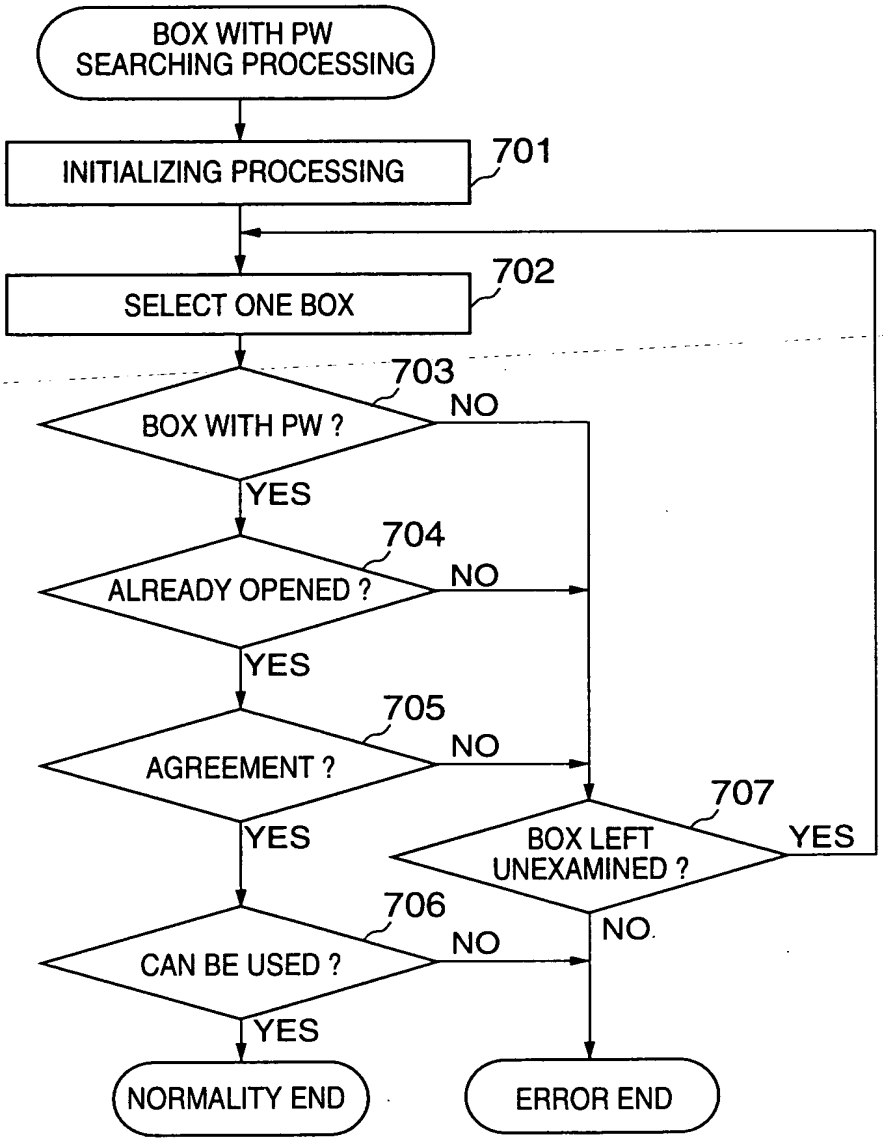
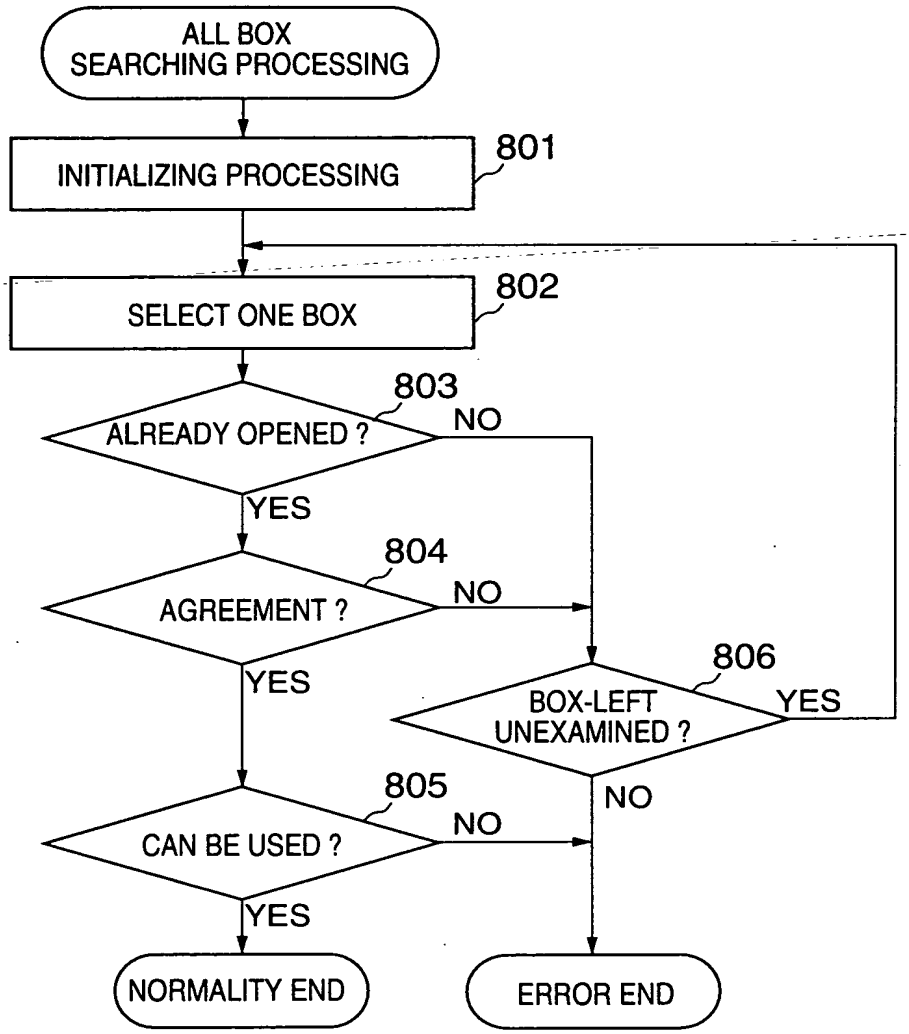

BOX WITH PW SEARCHING PROCESSING
INITIALIZING PROCESSING
701
SELECT ONE BOX
702
BOX WITH PW ?
703
NO
YES
ALREADY OPENED ?
704
NO
YES
AGREEMENT ?
705
NO
YES
BOX LEFT UNEXAMINED ?
707
YES
NO
CAN BE USED ?
706
NO
YES
NORMALITY END
ERROR END

FIG. 28


ALL BOX SEARCHING PROCESSING
INITIALIZING PROCESSING
801
SELECT ONE BOX
802
ALREADY OPENED ?
803
NO
YES
AGREEMENT ?
804
NO
YES
BOX-LEFT UNEXAMINED ?
806
YES
NO
CAN BE USED ?
805
NO
YES
NORMALITY END
ERROR END